



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 51475

Application ID: 10707187



Title of Invention:

METHOD AND APPARATUS TO  
INDEPENDENTLY CONTROL  
CONTACTORS IN A MULTIPLE  
CONTACTOR CONFIGURATION

First Named Inventor: James Kinsella

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-11-25

Effective Receipt Date: 2003-12-01

Submission Type: Information Disclosure  
Statement

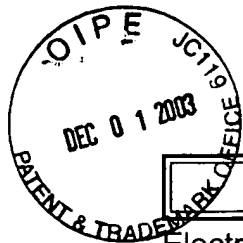
Filing Type:

Confirmation number: 1186

Attorney Docket Number: : ETC7455.055


Total Fees Authorized:

Digital Certificate Holder: cn=Kent Lawrence Baker,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: a2d6c18b6fdb575566116755b81a6b63cc6a4686

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>METHOD AND APPARATUS TO INDEPENDENTLY CONTROL CONTACTORS IN A MULTIPLE CONTACTOR CONFIGURATION</b>									
Application Number: 10/707187 										
Date: 2003-11-25										
First Named Applicant: James Kinsella										
Confirmation Number: 1186										
Attorney Docket Number: ETC7455.055										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. Kent L. Baker Registered Number: 52584</td><td>/Kent L. Baker/</td><td>Agent</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mr. Kent L. Baker Registered Number: 52584	/Kent L. Baker/	Agent		
Submitted by:	Elec. Sign.	Sign. Capacity								
Mr. Kent L. Baker Registered Number: 52584	/Kent L. Baker/	Agent								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>ids-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	ids-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	ids-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

METHOD AND APPARATUS TO INDEPENDENTLY  
CONTROL CONTACTORS IN A MULTIPLE CONTACTOR  
CONFIGURATION

Application Number: 10/707187



Confirmation Number: 1186

First Named Applicant: James Kinsella

Attorney Docket Number: : ETC7455.055

Search string: ( 6377143 or 6087800 or 5959517 or 5514844  
or 5493091 or 4959746 or 4864157 or 4642481  
or 4525762 or 4491708 or 4445018 or 4398097  
or 4354215 or 4128749 or 4056836 or 4019017  
or 3982137 or 3934110 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6377143	2002-04-23	Zhou et al.	B1	335	132
	2	6087800	2000-07-11	Becker et al.		318	778
	3	5959517	1999-09-28	Wieloch et al.		335	16
	4	5514844	1996-05-07	Hamano et al.		218	57
	5	5493091	1996-02-20	Devautour et al.		218	30
	6	4959746	1990-09-25	Hongel		361	13
	7	4864157	1989-09-05	Dickey		307	135
	8	4642481	1987-02-10	Bielinski et al.		307	252
	9	4525762	1985-06-25	Norris		361	13
	10	4491708	1985-01-01	O'Leary et al.		200	149 R
	11	4445018	1984-04-24	Holmgren		200	148 A
	12	4398097	1983-08-09	Schell et al.		307	64
	13	4354215	1982-10-12	van der Scheer		361	63
	14	4128749	1978-12-05	Spaderna		200	254
	15	4056836	1977-11-01	Knauer		361	4

	16	4019017	1977-04-19	Sitek et al.	219	135
	17	3982137	1976-09-21	Penrod	307	136
	18	3934110	1976-01-20	Denis	219	131 F

## Remarks

Note: Remarks are not for responding to an office action.

The examiner may find the following patent applications relevant: 10/248916, 10/249206, and 10/249207.

## Signature

Examiner Name	Date